

ABSTRACT OF THE DISCLOSURE

A cleaning apparatus of the present invention includes a roll brush for scrubbing the surface of the substrate, and an ultrasonic nozzle for blowing an aqueous cleaning solution against the surface of the substrate and generating an ultrasonic wave, wherein the roll brush and the ultrasonic nozzle are provided so as to oppose one another so that the substrate can be set in between. With the synergetic effects of brush scrubbing cleaning, ultrasonic cleaning and shower-cleaning, the precision cleaning of the upper surface of the substrate can be performed at a sufficient level of cleanliness. Moreover, in a state where the substrate to be cleaned is set, the roll brush can be cleaned automatically by the ultrasonic nozzle, and it is therefore possible to maintain the roll brush at high level of cleanliness without requiring maintenance operations. Furthermore, by integrating the roll brush and the ultrasonic wave nozzle in one part, the size of the apparatus can be reduced in the transport direction of the substrate, thereby reducing an overall footprint area.